

Title (en)  
APPARATUS FOR PRESENTING GOODS

Title (de)  
VORRICHTUNG ZUR PRÄSENTATION VON WAREN

Title (fr)  
DISPOSITIF DE PRÉSENTATION D'ARTICLES

Publication  
**EP 3523787 A1 20190814 (DE)**

Application  
**EP 17781127 A 20171010**

Priority  
• DE 202016105648 U 20161010  
• EP 2017075786 W 20171010

Abstract (en)  
[origin: WO2018069304A1] The invention relates to an apparatus (1) for presenting goods, having at least one compartment (3) in which goods (11) are stocked, wherein the lowermost or foremost goods item (11) in the at least one compartment (3) can be removed from the compartment (3) via an ejector or manually, wherein an optical sensor (5) is provided on the at least one compartment (3), said sensor being intended to determine the filling level of the goods in this compartment (3) and having an emitter (12) and a receiver (13) for electromagnetic radiation (14), wherein the filling level of the compartment (3) can be determined by means of a controller (15) on the basis of the propagation time of the signal (14) emitted by the emitter (12) between the emitter (12) and the receiver (13).

IPC 8 full level  
**G07F 11/04** (2006.01); **A47F 1/12** (2006.01); **G07F 9/02** (2006.01); **G07F 11/38** (2006.01)

CPC (source: EP)  
**A47F 1/125** (2013.01); **G07F 9/026** (2013.01); **G07F 11/04** (2013.01); **G07F 11/38** (2013.01); **A47F 2010/025** (2013.01)

Citation (search report)  
See references of WO 2018069304A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 202016105648 U1 20180111**; EP 3523787 A1 20190814; WO 2018069304 A1 20180419

DOCDB simple family (application)  
**DE 202016105648 U 20161010**; EP 17781127 A 20171010; EP 2017075786 W 20171010